

REMARKS

Claims 194, 195, 198, 199, 201-207, 209-229 and 259-262 are pending. Claim 194 is amended herein. Support for this amendment can be found throughout the application as filed. *See e.g.*, paragraphs [0166] and [0236]. Claims 260-262 were previously amended in an Examiner's Amendment. No new matter has been added.

Specification Amendments

Applicants have amended the specification to update the priority information and correct minor, typographical errors. Applicants have also amended paragraph [0047] to change "10b" to "10L," as Figure 10 contains images A-L. Paragraph [0254] was amended to correct an Accession number. No new matter has been added.

Drawings

In the Examiner's Comments mailed on June 29, 2007, the Examiner requests that Applicants amend the legend of Figure 9 to only describe Figures 9A and 9B. The Examiner also asserts that while the specification describes Figures 10A, 10B, 16A and 16B, the drawings do not contain these labeled figures.

Applicants respectfully submit that the formal drawings filed on March 9, 2004 remedy the Examiner's concerns. Nonetheless, in an effort to expedite issuance, Applicants submit herewith formal drawings and request that these figures be published when the instant application issues. Applicants believe these formal figures are in compliance with 37 C.F.R. § 1.84 and address the Examiner's concerns. Applicants respectfully request that the Examiner notify Applicants if there are any objections to these formal drawings.

Information Disclosure Statement

On April 24, 2007, Applicants filed an Information Disclosure Statement and Form PTO/SB08. Applicants appreciate and thank Examiner Landsman's consideration of pages 1-3 of the Form PTO/SB08. Applicants submit herewith page 4 of the Form PTO/SB08 that was filed, but not considered. *See Exhibit A* Applicants respectfully request that the Examiner consider the references cited in Exhibit A.

Statement of Substance of Interview Under 37 C.F.R. § 1.133(b)

In accordance with 37 C.F.R. § 1.133(b) and M.P.E.P. § 713.04, Applicants herein provide a summary of the interview. Applicants appreciate the courtesies extended by Examiner Landsman.

During the interview, Examiner Landsman requested that Applicants amend claim 194 to recite that the heteromeric receptor specifically binds to a ligand that specifically binds to an endogenous (wild-type) human T1R1/T1R3 receptor. Applicants have amended claim 194 herein to reflect this amendment.

Applicants representative also indicated that Applicants would identify other co-pending applications that relate to the instant application. Below is a list of these applications:

Application Nos. 10/179,373; 10/725,037; 10/725,076; 10/725,103; 10/725,418; 10/725,472; 10/725,473; 10/725,475; 10/725,488; 10/725,489 and 11/050,804.

CONCLUSION

Applicants respectfully request entry and consideration of the above amendments and remarks. If the Examiner has any questions relating to this response or the application in general he is respectfully requested to contact the undersigned so that prosecution of this application may be expedited.

It is believed that no fees are required for entry of this response, but should any fees be necessary, the Commissioner is authorized to charge such fees to the undersigned's **Deposit Account No. 50-0206**.

Respectfully submitted,

HUNTON & WILLIAMS, LLP

Dated: September 24, 2007

By:



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RLT/AHS:ltm

Exhibit A

PATENT

☒ UTILITY

☐ PCT

☐ DESIGN

☐ PROVISIONAL

Application No.:

10/725,086

Date:

April 24, 2007

Client/Matter No.:

67824.407423

Client:

SENOMYX, INC.

Inventors:

Mark ZOLLER, et al.

Atty/Sec.:

RLT/AHS:itm

Title: ISOLATED (T1R1/T1R3) UMAMI TASTE RECEPTORS
THAT RESPOND TO UMAMI TASTE STIMULI

THE FOLLOWING HAS BEEN RECEIVED IN THE U.S. PATENT AND TRADEMARK OFFICE ON THE DATE STAMPED HEREON:

- ☒ REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL
- ☒ REQUEST FOR CONTINUED EXAMINATION UNDER 37 C.F.R. § 1.114, AMENDMENT AND RESPONSE
- ☒ FORMAL FIG. 1A AND FIG. 1B
- ☒ INFORMATION DISCLOSURE STATEMENT AND FORM SB/08
- ☒ CHARGE DEPOSIT ACCOUNT NO. 50-0206 FOR \$790.00 (RCE FEE UNDER 37 C.F.R. § 1.17(e).
- ☒ GREEN: RETURN RECEIPT POSTCARD



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DOCKETED

4/25/07

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/725,080
		Filing Date	December 2, 2003
		First Named Inventor	Mark ZOLLER
		Art Unit	1647
		Examiner Name	Robert S. Landsman
Sheet	4 of 4	Attorney Docket Number	67824.407423

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	33.	Alexander, et al., "Altering the Antigenicity of proteins", Proc. Natl. Acad. Sci. USA, Vol. 89, pg. 3352-3356, April 1992.	<input type="checkbox"/>	<input type="checkbox"/>
	34.	Bowie, et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science, Vol. 247, pg. 13061310, March 16, 1990.	<input type="checkbox"/>	<input type="checkbox"/>
	35.	Krautwurst, et al., "Identification of Ligands for Olfactory Receptors by Functional Expression of a Receptor Library", Cell, Vol. 95, pg. 917-926, December 23, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
	36.	GenBank Accession Number AL139287, clone RP5-89003, February 13, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	37.	GenBank Accession Number AA907022, May 19, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
	38.	Hoon, et al., "Putative Mammalian Taste Receptors: A Class of Taste-Specific GPCRs with Distinct Topographic Selectivity", Cell, Vol. 96, pg. 541-551, February 19, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
	39.	Lindemann, "A Taste for Umami", Nature Neuroscience, ol. 3, No. 2, pg. 99-100, February 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	40.	Perruccio, et al., "Possible Role for gustducin in Taste Transduction in Hirudo Medicinalis", Society for Neuroscience Abstracts, Vol. 26, No. 1-2, Abstract No. 66.15, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	41.	Wolfgang Bönigk, et al., "The Native Rat Olfactory Cyclic Nucleotide-Gated Channel is Composed of Three Distinct Subunits", The Journal of Neuroscience, Vol. 19, No. 136, pg. 5332-5347, July 1, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
	42.	Sue C. Kinnamon and Thomas A. Cummings, "Chemosensory Transduction Mechanisms in Taste", Annu. Rev. Physiol., Vol. 54, pg. 715-731, 1992.	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.